

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Claim 1 (Currently Amended): An X-ray apparatus having a rotary anode x-ray tube: comprising;

an anode target arranged in a vacuum envelope, a rotary body mechanically coupled to the anode target and configured to rotate together with the anode target, and a fixed shaft supporting the rotary body, allowing the rotary body to rotate on a bearing;

a stator coil generating a rotating magnetic field for rotating the rotary body of the rotary anode X-ray tube; [[and]]

a drive-power-supply device controlling a drive power to be supplied to the stator coil[[,]];

~~the X-ray apparatus comprising a memory unit storing a plurality of drive conditions of various types of a plurality of X-ray tubes~~ for controlling the drive power to be supplied to the stator coil; and

a control unit supplying a lower level power than the drive conditions to an X-ray tube to detect a power consumed in the stator coil and selecting determining whether a selected one of the drive conditions stored in the memory unit and causing the drive power-supply device to output drive power that matches said one drive condition a condition of the detected consumed power match or not.

Claim 2 (Currently Amended): The X-ray apparatus according to claim 1, further comprising:

a detector ~~detecting means for~~ detecting power or current consumed at the stator coil while ~~the drive power~~ a lower level drive power than the drive conditions is ~~being~~ applied to the stator coil;

a comparator ~~comparing means for~~ determining whether the power or current detected at the detecting means falls within a predetermined range; and

a power-supply stopping means for device stopping supply of power from the drive-power-supply device to the stator coil when the power or current falls outside the predetermined range.

Claim 3 (Canceled).